

Title (en)  
FUEL CELL SYSTEM

Title (de)  
BRENNSTOFFZELLENSYSTEM

Title (fr)  
SYSTÈME DE PILE À COMBUSTIBLE

Publication  
**EP 2677583 A1 20131225 (EN)**

Application  
**EP 12746733 A 20120213**

Priority  
• JP 2011031011 A 20110216  
• JP 2012053302 W 20120213

Abstract (en)  
A fuel cell system includes: a hydrogen generating unit that generates hydrogen-containing gas using fuel that contains hydrogen-containing fuel; a cell stack that performs power generation using the hydrogen-containing gas; a supply amount acquiring unit that acquires a supply amount of the fuel supplied to the hydrogen generating unit; a detecting unit that is disposed on an upstream side of the hydrogen generating unit so as to detect oxygen or nitrogen in the fuel; a correcting unit that corrects an error included in a value from the supply amount acquiring unit based on detection results of the detecting unit, and acquires the supply amount of the fuel including air; and a calculating unit that calculates an amount of the air contained in the fuel based on detection results of the detecting unit.

IPC 8 full level  
**H01M 8/04** (2006.01); **H01M 8/06** (2006.01); **C01B 3/38** (2006.01)

CPC (source: EP US)  
**C01B 3/384** (2013.01 - EP US); **H01M 8/04388** (2013.01 - EP US); **H01M 8/04395** (2013.01 - EP US); **H01M 8/04447** (2013.01 - EP US); **H01M 8/04455** (2013.01 - EP US); **H01M 8/04679** (2013.01 - EP US); **H01M 8/04686** (2013.01 - EP US); **H01M 8/04753** (2013.01 - EP US); **H01M 8/04798** (2013.01 - EP US); **H01M 8/0606** (2013.01 - US); **H01M 8/0612** (2013.01 - EP US); **C01B 2203/0233** (2013.01 - EP US); **C01B 2203/0244** (2013.01 - EP US); **C01B 2203/0261** (2013.01 - EP US); **C01B 2203/0283** (2013.01 - EP US); **C01B 2203/044** (2013.01 - EP US); **C01B 2203/047** (2013.01 - EP US); **C01B 2203/066** (2013.01 - EP US); **C01B 2203/0822** (2013.01 - EP US); **C01B 2203/127** (2013.01 - EP US); **C01B 2203/1288** (2013.01 - EP US); **C01B 2203/1609** (2013.01 - EP US); **C01B 2203/169** (2013.01 - EP US); **H01M 8/04126** (2013.01 - EP US); **H01M 8/0675** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02P 20/10** (2015.11 - EP US)

Designated contracting state (EPC)  
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**US 2013288146 A1 20131031**; CN 103370823 A 20131023; EP 2677583 A1 20131225; EP 2677583 A4 20141203; JP 2012169214 A 20120906; JP 5705577 B2 20150422; WO 2012111629 A1 20120823

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